



Request for Drawing Question / Interpretation No. 1

of

AC Class Rule Version 1.2: June 10th 2015

Rule References:

18.12 The addition of structural components and structural reinforcement is permitted.

Question:

We hereby ask for an interpretation of Class Rule 18.12 as follows:

1. When structural components and/or structural reinforcements are added to Rule-specified laminate and structure, as permitted by Rule 18.12, is it necessary to request permission of the Measurement Committee to do so?
2. With reference to question 1 above, is it necessary to provide specific documentation for added structural components and/or structural reinforcement, other than the standard declarations and materials usage documentation required by Class Rules 24.1 and 24.2?
3. When adding an additional ply of carbon reinforcing laminate to a Rule-defined laminate from Appendix C, D, or E, is there any limitation on where that ply is inserted into a laminate sequence?

Interpretation:

1. No. It is not necessary to seek permission or approval from the Measurement Committee for the addition of structural components and/or structural reinforcements that are added to the Rule-specified laminate and structure, as permitted by Rule 18.12. However, notification of any additions to the Rule specified laminate shall be reported by way of a drawing and specification of changes to the Measurement Committee prior to commencement of the addition.

The Measurement Committee may review this notification to ensure the base laminate remains in place and that additional structure does not in any way substitute any part of the base structure. It should be noted that this interpretation only applies to the addition of laminates over and above the Rule defined base laminate and not to laminate changes permitted in Rules 19.2 and 20.2.

2. Yes. See paragraph above.

3. No. For Rule 18.12 to apply, any additional laminate will be the last layer placed in the mold, or on the part, and should be visible. If the additional reinforcing layer is inserted within the laminate sequence, then Rules 19.2 and 20.2 will apply. “Inserted within” in this case means sandwiched between the Rule-defined inner and outer skins. The final exterior shape of laminated parts must comply with the shape defined in the relevant IGES file as supplied. END

Issued by the 35th AC Measurement Committee on September 17, 2015